

ABSTRACT OF THE INVENTION

A linear actuator has two half-shells, a motor housing, a motor installed in the motor housing, a guiding screw driven by the motor, a screw nut engaged with the guiding screw, an interior tube encircling the guiding screw and connected
5 with the screw nut at one end thereof, a moveable exterior tube telescoping the interior tube therein, at least two ball bearings subject to radial and axial load, and fitting seat installed in the half-shells. The fitting seat has to bearing seats for mounting the ball bearings, such that the load capacity of the linear actuator is increased, while the application safety is enhanced.